

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Bob Hightower <ki7mn@MycroNet.com>
Subject: [5579] 40-40 Tuning Probs
Message-ID: <199603121538.IAA14306@mycro1.mycronet.com>

Any of you 40-40 experts out there able to help out with a small problem? I am trying to get mine set up, and found that the rig tuned below 6900 MHz, so I removed a turn from L1. Still low, so removed another. Still low, so rewound L1 and started all over. Did this twice (slow learner).

It now seems that L1 has no effect on the circuit other than to complete it, that is to provide a path for signal. Where should I look. No matter what I do to L1, the frequency stays in the range of 6.871 to 6.928 or thereabouts.

I'd appreciate any suggestions on where to look. Please e-mail direct to me here or (preferably) to bobhigh@primenet.com, as that is my home connection.
73, Bob KI7MN
QRP-L 271, ARCI 8918, NorCal 1228

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [5571] Antennas and launching
Message-ID: <199603121304.HAA25364@sparc.isl.net>

Does anyone have any experience with Antennas West's Quick Launch system? If so, how does it work and how well does it work? I'm looking for something to help me get an antenna up when camping.

Also, I plan to use my 20 and 30 meter radios when I go camping. What would be a good length? I may also want to use the 49er assuming I get one built. I'm thinking of getting a portable tuner and just going with a single length with twin lead or 450 lead to the tuner. I seem to remember that antennas tend to be quite high impedance at the second harmonic which could be tougher to tune. So, a 40 meter dipole may not be the best choice, right?

72,
Tony Drumm
Rochester, MN
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996

From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [5581] Bitten by the bug
Message-ID: <199603121619.LAA20901@mh004.infi.net>

My gosh fellas, what have we unleashed out there in the mountains???

This Brad Mugleston is a CWin', QRPin' fool!!!! Before we know it he'll be plastering his wall with certificates. -- and drooling over little metal Altoids boxes like the rest of us.

His son has taught him everything he knows, and before we know it, he'll be abandoning the poor lad.

He'll be wrapping his head in ear protective gear and looking at his radio intently, as if he could see it capture signals for him. He'll fail to answer the call to supper promptly. He'll postpone nature's call until it hurts.

I don't know fellas, maybe this is not a good thing we've done, here.

When he starts talking like Nils, let's send the white coats after him and put him out of his misery.

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: NYOUNG@nova.wright.edu
Subject: [5603] Bumper stickers
Message-ID: <01I29HA0ZFWM94SX8M@nova.wright.edu>

Ok, that's an idea. NOW... I used to have some vinyl bumper sticker stock, but I used it up on my bumper stickers, each of which has nothing to do with radio. The ones with radio stuff on 'em were printed on that plain finished "crack-n-peel" stuff that everyone uses.

I (heart) my cat
I Claudius
I de-clawdius

Una cosa es Juan Domingues
Otra cosa es !No me chingues!

Don't blame me: You voted for Reagan

Are you Dobbs Approved?

El que busca la salida no entiende el laberinto

Whaddyamean I ain't got no back window?

Now, if I could just find more of that vinyl stuff.
Then I'd have to go into business and I figure that's
a bummer. I'd just become one of those elitist bourgeoisie
running dogs of the classist stripe expropriators of the
exploited proletariat. And I ain't got enough type to
make a bumper stick with that on it.

QSL cards... them I can politicize easy enough...

I gotta stop listening to Radio Habana.

73

Nils

WB8IJN +c

Venga la revolucion y la pobreza se disfrutan por toda la gente
igualmente!

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: mtmiller@fedex.com (MILLER/MIKE)
Subject: [5578] Charlotte HamFest
Message-ID: <199603121514.AA12870@gateway.fedex.com>

Well, I made the long journey to Charlotte from Memphis. I was only
able to stay for Saturday and went with the intention of upgrading
from no-code tech to advanced. It seems Murphy was up to his usual
tricks since the exams were only on Sunday. Arrgghh! I'll just have
to wait for the next local exam.

I did meet Paul (aa4xx) at the KnightLites table. It was nice to
finally see so many of the qrp rigs that are always talked about
on this list.

I made one major purchase. I bought a USM-338 scope from Bob Garcia.
I've been wanting to get a scope for a long time and the price seemed
right. It's a 65 mhz dual-trace HP scope made for the military. Bob
gave me a quick demo and it seemed to work just fine. Sold for \$165.
Does anyone know much about this scope? Bob's going to mail me the

manual to copy.

I had a great time and only wish I could make it to Dayton. Think I'll go ahead and send off for a 49'er in a few days.

Mike T. Miller
ke4zaf
mtm@wspice.com
mtmiller@fedex.com

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5585] CW Operating Book
Message-ID: <960312174226_75230.1405_HHB51-3@CompuServe.COM>

A very good book on CW operating and with a lot of useful reference material is Bob Halprin's (K1XA) "The Code Book." It even includes a chapter on QRP.

It's published by Tiare Publications, P.O. Box 493, Lake Geneva, WI 53147. They take credit card orders on (414)248-4845, and "The Code Book" is \$17.95 +\$2 s&h.

By the way, the quote on the back of the book is mine-- used with permission but somehow lost the attribution [g].

73/72
Marshall
AA0XI/VK5FN

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [5605] Dallas this weekend....
Message-ID: <199603130410.XAA14525@brutus.bright.net>

I will be in Dallas this weekend, and next week til Thursday - any QRP activities going on??

Headed down there Friday late afternoon. The way my schedule looks - the best time for me to do any ham related stuff is Sunday ...

Hope to hear from some of y'all in the Dallas area....

73

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
<http://qrp.cc.nd.edu/kanga/>

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: stan@cruzio.com
Subject: [5566] FW: Re: QSO's
Message-ID: <Chameleon.960311224319.stan@cruzio.com.cruzio.com>

>
>On Mon, 11 Mar 1996 16:05:15 EST dsa@apollo.hp.com wrote:
>>
>>
>> 3. Lock my TX freq where I am, then adjust my RX offset so
>> that I can bring him fully into my bandpass because I
>> never pass up a QSO.
>> Here's an example: Yesterday I sent a CQ on 7110.00 KHz. Some
>> guy (Advanced class, mind you) came back to me after my first
>> call. With filters off, I could hear him calling me at
>> practically an ultra-sonic pitch. I adjusted my RX offset
>> zero-beating him at 7112.29 KHz. We had a pretty good QSO,
>> operating 2KHz apart, even tho' he wouldn't slow his CW for me
>> after being asked (that's ok, I need to be pushed). So anyway,
>> what's the protocol? I don't think having a QSO 2KHz apart on
>> the HF band is efficient use of the spectrum segment. Is it
>> proper ham-etiquette to ask the other ham to move dwn 2KHz? I
>> mean, what is the procedure in this situation? Is it possible
>> that their rig TX is offset by 2KHz? Should I be doing option 2?
>> Who is responsible to zero-beat the TX's freqs? Thought it was
>> the one answering the CQ, but maybe I'm wrong...
>>
>
>
Yep, That's what RIT's are for.

You might ask the other party if their Rit is on, and or perhaps mention
the freq difference, but I wouldn't worry further about it.

72/3 Stan , N6ULU

>E-mail: stan@cruzio.com

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: stan@cruzio.com
Subject: [5565] FW: Re: What is a QSO
Message-ID: <Chameleon.960311224142.stan@cruzio.com.cruzio.com>

>>To be an official QSO, you MUST exchange a signal report as well as get
>>both callsigns verified.
>>
>>During the foxhunt there were goof-ups on callsigns that got reported and

>>corrected via email. We just kind of wink at those because we're just
>>having fun, but in the real world they would not have been recognized as
>>an official QSO.
>>
>>The whole thing gets to be pretty hokey nowadays anyhow. If you ever
>>listen to a DX or County hunter net, you realize after a while that if
>>the two stations supposedly in QSO can not hear each other they just
>>exchange a report of two-by-two and as long as they get acknowledged by
>>the NCS it counts as a QSO.
>>
>>73 =paul= wb8zjl
>>
>>
>
I tried to look up the definition of a "valid " qso a few years ago.

I read and researched all the info I could find.

My primary source was the "dxcc" rules.

I could not find any rule that purports to define what a "valid " qso is.

The dxcc rules refer to a 2 way communication. Period.

I suppose different awards may have different rules.

Stan , N6ULU

E-mail: stan@cruzio.com

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [5568] Help
Message-ID: <199603120716.HAA29460@mail.enterprise.net>

Can someone tell me why I'm getting several 'copies' of qrp-1 messages? Up to a dozen at a time sometimes. Really bungs up my mail box!
Cold WX here, snowing...
Cheers.

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: JCoote@aol.com
Subject: [5599] List of QRP kits & vendors?
Message-ID: <960312180348_349280926@emout08.mail.aol.com>

I'm looking for a complete, unbiased list of QRP kit and appliance vendors.
I thought I would phone/fax/email them for specs on their products.

It might not be a bad idea if some thoughtful person here on QRP-List could maintain and update such a list of QRP suppliers, for posting on QRP-L once in a while.

My suggestion on a QRP suppliers list for QRP-L would be to keep it brief, no product reviews or remarks... "just the facts, ma'am" Contact, address, phone, fax, email and whether the vendor deals in radio kits, parts, manufactured QRP, antennas or what-have-you.

73 and never drink your bath water.

Jay
WB6AAM

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: wdzeares@rockdal.aud.alcatel.com
Subject: [5590] No FOX but what about NorTex 8PM 7045+/-
Message-ID: <9603121848.AA23202@aud.alcatel.com>

Since there is no FOX tonight and I am having

withdrawal pains...at the NorTex meeting we said something about Tues 8PM 7045 or so.... not that conditions will let us talk locally, but maybe all y'all might want to try to find the NorTex bunch...8PM CST...Dr. Chuck are you out there and willing to be on tonight?...

72/73 Dennis K3ETS
qrp-1 #357 NorTex # 117

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [5592] No Tuesday FOX but there is a ...
Message-ID: <9603121910.AA11290@gvlf6-a>

..Tuesday night QRP Beacon.

Reposted from AA4XX last week...

> Hi Gang,
> Pete Rossi will be running his 80 meter beacon this coming Tuesday
> night, March 12th, from 7-9 PM EST (0000-0200Z). He is doing this as
> part of a QRP demonstration for the Brightleaf Amateur Radio Club
> (Greenville, NC) March meeting. (The NC gang is going to devote five to
> ten minutes of the QRP forum specifically to listen for WA3NNA/B.)
>
> Pete invites anyone who would like to listen for the beacon to give
> it a whirl. Your reception reports would be appreciated. Pete's email
> address is: rossi@VFL.Paramax.com
>
> He will be using the standard 80 meter frequency of 3557 KHz, and
> the power levels will be 200 mW, 20 mW, and 2 mW.
>
> Thanks, Pete, for your willingness to provide this interesting
> opportunity to quite a few hams who have never listened to a QRP signal
> before. We'll let you know how it worked out.
>
> 72,
> Paul Stroud AA4XX Raleigh, NC

Beacon will be on for 2 hours for Paul's demo. Others are welcome to listen.
It may be QRPp but there is plenty of RF radiated for everyone!

Once again..

TIME : 7 - 9 PM EST Tuesday March 12 (tonight)

FREQ : 3557 KHz

LOCATON : Newtown Square, PA (15 miles west of Philadelphia)

POWER LEVEL : 3 power levels (200 mW, 20 mW, and 2 mW -- at Paul's request)
2 minutes at each level
10 cycles through all 3 levels per hour.

MESSAGE : VVV xx mW <codeword> DE WA3NNA/B QRP

*** NOTE *** I will only be sending one set of 3 V's so you don't have
to wait as long for the codeword to come around again.

73,

Pete Rossi - WA3NNA
rossi@vfl.paramax.com

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: torell@sicom.com (Kent Torell)
Subject: [5602] Norcal 40-a slow qsk recovery
Message-ID: <v02130504ad6b9c8b204d@[192.91.202.41]>

I had borrowed a friend's 40-a to try out a 'commercial' rig ;-) and compare it to my own. Selectivity was nice, tuning a little fast, but the worst feature was what appeared to be a long recovery after transmitting. The signals would be very weak for about 10 seconds, before they would build back up to a reasonable volume. I assumed something was wrong with the agc, but couldn't find any voltages moving around at that timescale. Turned out, the problem was in the switched 8 v line for the tx....The switching transistor wasn't entirely turning off, so the shunt transistor on the input was remaining on, attenuating the input signal until some weak current load bled the switched 8 volt line low enough (about 0.4 volts). Fixed this by installing a 100K resistor from the 8V line to the base of the switching transistor (Q4 base to emitter).

Now, it works great! Talked to a couple guys in california this noon-ish, using the vertical at work (30 ft whip on the metal roof). They said it sounded ok. Verified it still has a soft turnoff on the keying. Checked out the spurious, harmonics, phase-noise, etc., and have a full report for Joe, the lucky owner ('course, the only reason I have this rig is 'cause he's using his QRP+).

So, if any of you users out there have this symptom, try this fix.

72, ab7oa

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Mel Evans <101366.3072@compuserve.com>
Subject: [5595] NOSTALGIA Again
Message-ID: <960312200933_101366.3072_JHP85-1@CompuServe.COM>

Well guys,

My first wireless was a homebrew crystal set, I was about 12 at the time, and I wound a whole lot of wire onto the cardboard tube from the centre of a toilet paper roll, and screwed in a condenser, 0.005 I seem to remember, and hooked it up with a germanium diode, a big long aerial, and an earth off the water pipes, and there I had it, about six stations all at once!

My dad and I progressed to making a TV set. We used an ex- army green screen radarscope, I remember it had a mu-metal screen can round it to stop the nasty rads getting out, and we did get it going OK. This was in the fifties, we only had one tv channel here in the UK at the time, and we watched this little four inch green and black picture for about two months before we managed to build the sound side and get it going as well. (We were building it from a series of magazine articles, and we had to wait each month for the next bit).

We failed totally and miserably with the homebrew tape deck from the same magazine, this used the surplus US army throat mikes, modified to record and playback from tape, and using a 78 rpm record deck to pull the tape past the heads. We did find someone who made theirs work, but you couldn't swap tapes with anyone else, because everyone else's tape transport set-up was slightly different. Also, I remember figuring there would be a problem if you ever edited a tape, as the tape moved past the heads at a different increasing speed as it wound up on the take-up spool.

If there was a 5th for hams, I could tell you about my rarest piece of DX, working two out of only three stations on my old SX101 separate tx and matching 101 RX, but alas, I've never even heard the particular country again, since becoming legal, never mind worked it! There would be a "Holy" row if all the details got out, HI!

Sorry for the Bandwidth, but Nostalgia rules!

For those interested, my HW9 arrives early next week. I intend to post a list of

the missing parts with a request for help from stateside.

72 and 73 de Mel

GM6JAG

Edinburgh, Snowing and Cold again.

"Happiness is a set of warm valves(tubes)"

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996

From: hankster@ix.netcom.com (William H. Perkins, Sr.)

Subject: [5582] Palomar PE-300 16 pole SCAF

Message-ID: <199603121628.IAA22232@ix7.ix.netcom.com>

I wonder if any of you happen to know just how narrow the narrow setting is on the PE-300 (Palomar 16 pole SCAF). It has settings for "Wide, Medium, and Narrow. I have a chance to buy one, but I'm only interested in a narrow cw filter. I am now using the Auttek-QF1, and I wonder if the PE-300 might serve me better for my Icom 745 as a narrow cw filter.

Alternatively, I notice that Ramsey has a kit (AF-1 Hi-Q Audio Filter) that has four selectable bandwidths (100, 250, 500, 750 Hz) and adjustable center frequency. Anyone have an opinion about that one? Any suggestions would be appreciated.

BTW, I have begun Building the OHR Explorer II for 30 meters. It's going real well in the early stages. The quality is higher than the kits I have done so far (not many). So far I have found only one RF choke which is different from the one listed in the parts inventory. Instructions call for a 6.8 microhenry and I found a 5.7 microhenry instead. And so far there is a 180 picofarad mono cap listed which I did not find in my inventory of parts.

Thanks,

Henry, AE4MX

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [5575] Plan to sell Heath HM-9 QRP wattmeter

Message-ID: <Pine.3.89.9603120814.A619-0100000@w3eax.umd.edu>

It's in very good shape (face nearly perfect, case a little scratched). Calibrated last year by yours truly and works perfectly. Reason for

wanting to sell? Sold the other accessories to a friend who REALLY, REALLY wanted them badly (he now has complete set).

With manual. Don't know how much to ask, as they're not made anymore...

Assistance appreciated. If you want to buy it, I guess, make an offer, and after a little while I'll know what to take.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
*** VHF @ <25w, HF @ <5w *** Who says Morse Code is dead? ***
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

From qrp-l@lehigh.edu Tue Mar 12 22:36:32 1996
From: Thom.LaCosta@f0.n105.z105.fido261.qis.net (Thom LaCosta)
Subject: [5564] QSO's
Message-ID: <5d1_9603120026@fido261.qis.net>

Monte Stark wrote in a message to All:

MS> And we had transmitters and recievers.....2 boxs, not one! Had to
MS> throw a knife switch from tx to rx.....that's if you could afford
MS> one.....otherwise move the clip lead that connected the antenna
MS> wire from one to the other!

I had a 4 box station....tx, tx power supply, rx and rx power supply.
Used to hang out at the tv repair shop (remember when folks actually
fixed 'em?) to scrounge parts...especially stuff for power supplies.

With no books, no examples, I got this bright idea that I could make a
key that you moved side-to-side between some contacts....the only thing
I had for the center piece was a hacksaw blade...and I was too stupid to
wrap it with tape.

Between the random length, end fed wire and the teeth on the blade...I probably
had the worst keying is the novice bands (sure...one crystal for 80 put me all
over the place).

Been a long time since I smelled rf-burned skin...and I still have some scars.

MS> Look at some of the handbooks and magazines from that era.....lots
MS> of work went into having break-in.....used to dream about rounding
MS> up the parts to make a good TR switch!

Oooooo, I was so smart...figured I'd hook up a second antenna to the receiver and leave it on....that didn't last too long.

Thom LaCosta

N3WDV

Our Business is Business

--

|Internet: Thom.LaCosta@f0.n105.z105.fido261.qis.net

|Standard disclaimer: This user speaks only for him/her self.

From qrp-l@lehigh.edu Tue Mar 12 22:36:32 1996

From: Marshall Emm <75230.1405@compuserve.com>

Subject: [5586] QSO's

Message-ID: <960312174223_75230.1405_HHB51-2@CompuServe.COM>

Wow, two topics to spout off on in one day! Anybody got bumper stickers that say "I Heart QRP-L" ??

The procedure for handling a station calling you off-frequency is well-documented.

You simply DO NOT change your transmitting frequency, because:

- a) you know the other station can hear you; he might not if you shift,
- b) if you change, the other station is likely to change too, leading to a game of tag, and
- c) when you change frequency you are obligated to first determine whether the the new frequency is in use, and this does include calling QRL? ! The other guy will be confused for sure.

By all means mention the difference if it is substantial, but be aware that even though you are 99% sure you are "transceiving" there is always a chance that something has come adrift and the problem is at your end. So be polite! And always check your RIT before making any such comments.

A good procedure in calling CQ is to make sure your RIT is off, and that your receiver is "wide open," or in other words set to widest bandwidth and/or minimum filtering. When you are listening, tune back and forth with your RIT to make sure you don't miss someone answering off frequency.

73/72

Marshall

AA0XI/VK5FN

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [5596] Sierra, again - Wot a Lot of Fun
Message-ID: <Pine.OSF.3.90.960312160727.5262A-1000000@govonca2.gov.on.ca>

OK, kids, "Sierra Christmas" will be soon over, but not quite yet.

A very rare for me episode of brief illness forced me to come home from the office - vertigo played hazard at the workplace, but I can still do some things.

After a 40m. qso with NYC, I went to the drug store for required medicants, and then came home and thought I'd try a qrp CQ. The big no-no. Well, WF1S - Jack in Rhode Island came back to me on the third call from the CMOS II memory. He have me 539, and told me he was ex-Navy, now a fisherman out of Portsmouth, R.I., and had just come back in for some lunch, a big lobster salad from a lobster he had pulled in from one of his pots this very morning. Yum.

So, all I can say is when I can work one of what has got to be one of a few cw ops on R.I., based on a CQ at less than 2 watts on my antenna (my antenna will NOT be on the front cover of CQ magazine, unless its for the annual April Fool stunt), it bodes well for the karma of the Sierra. I am putting this fellows qsl card on my QRP WAS - a card will be going to him with a U.S. stamp so I get THIS one confirmed.

Feeling like a kid again (that's the agenda now),
72

de VE3VAW

Brien
Toronto

pepperb@gov.on.ca

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: "Harley L. Miller" <hmliller@inf.net>

Subject: [5597] Source for ZN416E AM rcv chip
Message-ID: <199603132136.PAA02166@source.inf.net>

Anyone know where I might find a ZN416E receiver chip?

Harley L. Miller hmliller@inf.net
WB0ROQ QRP-L #393

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: lhalliday@creo.bc.ca
Subject: [5598] VE7LDH/W6
Message-ID: <9602128266.AA826670644@mail.creo.bc.ca>

Now that I'm back from San Francisco I'd like to thank everybody who sent me suggestions on places to go...

After spending far too much at the Stanford Bookstore I visited a number of electronics places, including Frys, Haltek and Halted Specialties (who I saw from the expressway, but had a devil of a time getting to...). I didn't buy much HF-related (QRP or otherwise), but did buy things like UT-141 hardline, SMA connectors, piston trimmers, crystal heaters, surface mount prototyping boards ("surfboards"), even a Frequency West brick...you get the idea.

Foothills netted me a mysterious board made by HP (including an SRA-1 mixer, interesting transistors and other goodies) and a pair of 10 GHz Gunn transceivers. At 10 mW or so output, these are **serious** QRP radios.

My hotel was just down El Camino from the famous Two Guys from Italy, but they were closed for renovations... :-(

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5584] What's a QS0?
Message-ID: <960312174216_75230.1405_HHB51-1@CompuServe.COM>

Brad's question on what constitutes a QSO raises some interesting issues. Some of the responses have been very good and I'm sure will be helpful to Brad and others struggling to learn "proper procedure."

Here's my 10 cents worth (inflation). By definition, a QSO is a contact between two stations. Nothing more, nothing less. If you *exchanged* ANY information, even if it is only the PART of the callsigns, then you have made a QSO. It may not count for various awards and certificates, but that is a separate issue altogether.

Consider: even if you heard nothing but his callsign, and are reasonably sure he heard yours, you can send him a QSL card. When he gets it he can send you his, and VIOLA! -- you have all the information required for most awards, and it's confirmed.

If you want to play the paper-chase, then you are obliged to accept whatever trivial rules and conditions are attached to the particular piece of paper you are after. Unfortunately, many of them go well beyond the simple fact of a QSO and attempt to dictate the nature and content of the QSO. (one of the reasons I don't chase wallpaper). And to show you how stupid this can get, think about requirements for a "minimum signal report" in the context of QRP! I've said this before (15 years ago in print and many times since): not only does it encourage lying, it also distorts the process of signal reporting and denies the value of a contact which was made under difficult circumstances, rewarding only the easy ones! See? Stupid!

73/72

Marshall

AA0XI/VK5FN

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [5580] RE: 49er built
Message-ID: <960312103922.23e575ee@carib.vf.mmc.com>

Vince,

I'm green with envy!

Got the parts kit in yesterday's mail sans board (as I ordered it). In retrospect I should have ordered it with the board and had the second as an experimental piece. If I ever get the time (more likely make the time), I'm going to build the circuit up "ugly style". Hope to have that ready for our next meeting. And darn it you are jumping ahead of me with the ceramic resonator! I was saving that as a surprise! But you'll have to wait to see

what I have for tuning it (probably 10 kHz or so at 80 meters).

See you at the meeting, whichever date/time.

BTW, will have a report on the ARRL hq visit soon. I've got it all done but for an attendance list. We had THREE contingents from New Jersey. The only problem is, I don't remember the non NJQRP guys, so I'm, waiting for the attendance list from our friends to the north.

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [5574] Re: Antenna launch
Message-ID: <Pine.A32.3.90.960312085600.15969A-100000@weyl.math.Virginia.EDU>

I've used the Antennas West quicklaunch system. It consists of a plastic bucket, some yellow string, and a big round lead weight. You swing the weight round then let go. Works OK for relatively low antennas -- say under 30 feet.

If you want greater height, use a slingshot, big lead fishing weight, and a spinning reel.

An 80m dipole with a tuner should serve you well.

72, Ralph AA6UL/4
Charlottesville, VA

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>
Subject: [5572] RE: Antennas and launching
Message-ID: <3145994D@ncsbsr01ou.ntc.nokia.com>

Tony Drumm writes:

>Also, I plan to use my 20 and 30 meter radios when I go camping. What would
>be a good length? I may also want to use the 49er assuming I get one

built.

>I'm thinking of getting a portable tuner and just going with a single length

>with twin lead or 450 lead to the tuner. I seem to remember that antennas
>tend to be quite high impedance at the second harmonic which could be
>tougher to tune. So, a 40 meter dipole may not be the best choice, right?

>

A 80 meter dipole works very well on 30 meters and well enough on 20 meters with a tuner. 40 meter dipole will be no good choice at all.

73/72 de Jukka OH6SC

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996

From: ROWLETT_D@hccs.cc.tx.us

Subject: [5583] RE: Antennas and launching

Message-ID: <4313461012031996/A00549/ADMIN/11A362A13000*@MHS>

Tony:

I have no experience with the launching system you mentioned, but I have always found that a couple of youngsters who like to climb trees are effective in getting antennas up in the air on camping trips. An alternative is a roll of cotton twine (so when it breaks and sticks in the tree it will biodegrade!) and a rock along with a good throwing arm. Finally, I've heard of guys using bows and arrows, slingshots, and fishing rods. I prefer the handy rock and twine method myself for getting a dipole up in the air.

As to antennas -- experience has taught me that there is NOTHING that will substitute for a resonant antenna when you are camping and running QRP. Sure, a compromise antenna will get out some of the time, but it just doesn't overcome the disadvantages like a resonant dipole -- low height, perhaps not the best location, low power, lossy wet foliage, etc. I know there are guys who will swear by their G5RV's, their windoms, their long random wires, but a few minutes playing around with any of the popular antenna modelling programs will tell you the good news and the bad -- nothing radiates like a resonant antenna, especially a half wave resonant antenna, unless you can plan to go multi-element.

We used to work 15 on our 40-meter dipole on camping trips, but we were amazed at the difference in received and transmitted signal strengths when we went to a halfwave dipole -- now the 40 meter antenna stays on 40 where it belongs. Of course, if you're planning on doing backpacking, where every ounce counts, then a single-wire compromise antenna might be the way you have to go. But ask yourself whether the weight and bulk of a tuner are less than the weight and bulk of another wire antenna -- you might be surprised by the answer, especially if you use thin enough wire and small enough coax.

Cheers, and good camping --

73 es gd dx,

Doug Rowlett
WB5IRI

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: NYOUNG@nova.wright.edu
Subject: [5604] Re: Bit by the bug until the long sleeve coat shows up
Message-ID: <01I29GVJ4RJI94SX8M@nova.wright.edu>

Well, if a young man has decided that he'd rather stare at a radio and write little squiggly notes as the beeps and bleats sweep past his ears, so be it. It's better 'n him running around all night with people his parents aren't sure of (a particularly interesting past episode of Ren & Stimpy comes to mind here...) or hanging around with people of either or both sexes with dubious moral standards.

Or: if he gets into science deeply enough, maybe he can stay hooked enough to know that, until you get the PhD, all that party in the frat house stuff is just time wasted that can never be undone or unwound or unspent.

Or: Be glad he ain't completely obsessive/compulsive and only slightly ADD like me. Or other similar neurophysiological dysfunctions of worse extreme.

LEt the radio stuff be the part that he remembers of all this youthful stuff. The science and the game of making contacts will distract him well enough when puberty (or college diversions) hits.

Besides, if he can do code, then he knows how to write and read. And that's better n my brother Elvis what typed this fer me.

73
Nils
WB8IJN +c

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Todd Nichols <nichols@rtp.ericsson.se>
Subject: [5576] Re: Charlotte hamfest report - Knightlites
Message-ID: <199603121418.JAA01746@sunmgc2.rtp.ericsson.se>

Y'all, Dennis WR4I reminded me that, in my hamfest report, I forgot to mention that we DID find one microwave piece of equipment there at the very end. Someone was selling a Tappan microwave oven for \$25 :-) But it was QRO, and so I just forgot all about it :-) :-)

72,
Todd

Todd Nichols KB0HQU Ericsson Inc. (919) 685-2597
nichols@rtp.ericsson.se Research Triangle Park, NC
Today's oxymoron is "disposeable income" - Todd

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: RHILTO@acxiom.com
Subject: [5573] Re: CW PROCEDURES
Message-ID: <145817f0@acxiom.com>

Brad KB0ROL asks...

>WELL, NOW THAT I HAVE THREE QSO UNDER MY BELT I NEED SOME HELP.

The learning never ends... you'll still be figuring out the fine points 3000 QSOs from now.

>HOW DOES ONE: 1- CALL SOMEONE BACK WHEN YOU WERE ONLY ABLE TO COPY A PARTIAL CALL?

Try WB?? de KB0ROL ge es tn timer _bt_ ur call agn pse?

>2- ASK SOMEONE TO SLOW DOWN WHEN ALL YOU HEARD WAS CQ CQ CQ DE @#\$\$%
Send your call s-l-o-w-l-y and clearly; if he (she?) doesn't pick up on your situation, you probably didn't want to talk to him anyhow.

7.3, ki5ez
Bob

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Pat Taber <ptaber@logicraft.com>
Subject: [5570] Re:Newfoundland time
Message-ID: <199603121254.HAA87418@nss2.CC.Lehigh.EDU>

> Time zones and even daylight savings time are designed to
>allow us city folk to do what country folk do regardless of the clock:
>work from dawn to dusk.
[...]
>In the US we do this ritual twice yearly so that us city folks can
>wake up in the dark, get to work just after the sun rises, then go
>home and spend money and do chores until the sun goes down. If we
>didn't do this madness, we would waste a couple of hours of perfectly
>good sunlight by sleeping.
>

I see your trivia and I raise you one...

Daylight savings time didn't arise out of any concern for individuals. It was yet another Ben Franklin-ism (he's America's answer to Newton) and the reason he suggested it was to lower the cost of lighting cities. If the sun went down an hour later, then that was an hour you didn't have to have the street lights on. (I assume old Ben tried commanding the sun to go down later, but got indifferent results.) So, as usual, it all comes down to money.

>>>==>PStJTT

```
=====
Patrick Taber                      Email: ptaber@logiccraft.com
Principal Software Engineer        Phone: (603) 880-0300
Logiccraft Information Services    Fax: (603) 880-7229
22 Cotton Road
Nashua N.H. 03063                 Also known as: KC1TD
```

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5593] Re: No FOX but what about NorTex 8PM 7045+/-
Message-ID: <199603121915.TAA14585@chuck.dallas.sgi.com>

Dennis et.al.,

I'll be there ~7.045MHz 0200UTC tonight.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [5577] re: NOSTALGIA
Message-ID: <9603121457.AA17168@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: NOSTALGIA

Since we've been waxing nostalgic (now what the heck does that mean??) on crystal control and how far to tune away from your frequency and seperate transmitters and receivers and on and on and on and I thought I'd throw my two wooden nickels worth in. (No, stupid, I didn't start on spark!!)

I took my novice test in June 1970, and got my license in August while attending Navy Electronics Technician school at Great Lakes, IL. They had a great club station (K9NBH) in those days that kept me off the street and out of Mary's Bar and Locker Club across the street. (Anybody else remember Mary's??)

When my license came, the only rig they had that could be crystal controlled to be legal for a novice was a homebrewed transmitter and an SX-101 receiver. Had no TR switch, so typically used seperate TX/RX antennas. This worked well since we had plenty of antennas on the roof. The only thing lacking was sidetone. If I was listening close enough to my transmit frequency, I could hear my own transmitted signal and use that. If I was a bit further off my transmit frequency, I would simply lift the cans off one ear and listen to the power transformer in the transmitter buzz on the homebrewed chassis on key down. Worked fine and I worked plenty of stations. Even DX like Wisconsin and Indiana.

Oh, well, enough waxing for one day. (What DOES that mean??)

73's

Brad, WB0CGH

Brad Bradfield, PE
108 Forestwood
Corinth, TX 76205

Electrical Design Engineer
Texas Instruments, Inc.

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(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member

QRP-L #377

SMIRK #4906

IEEE(M)

Collector of wireless and landline Morse keys and accessories.

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: torell@sicom.com (Kent Torell)
Subject: [5589] re: NOSTALGIA
Message-ID: <v02130500ad6b6adf74e2@[192.91.202.41]>

>From: Brad Bradfield QLF

>Oh, well, enough waxing for one day. (What DOES that mean??)

...The moon waxes and wanes (gets larger and smaller, or brighter and fainter) I think you are shortening the phrase 'waxing eloquent...' I don't imply you're mooning the list with old tales ;-). I enjoy reading 'good ole days' posts.. puts me in a reverey, when I was warm and safe and playing with radios...

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>
Subject: [5567] Re: Plugs and Jacks
Message-ID: <314538B8@ncsbsr01ou.ntc.nokia.com>

>BOB KELLOGG wrote:

>>

>> Gang, I just made a major decision, don't tell me I'm wrong! Going to
>> standardize my QRP stuff on BNC connectors. Here's why.

>

>I use RG58 and BNCs for everything up to the amplifier (up to 100-150 watts).

>Seems

>to work out very well. Easy.

>Chuck

>

I've found BNCs excellent in homebrew use, mainly because they are small and easy to connect. SMAs are nice to be used in cables between TX and RX and also in connections inside the rig. By the way, REAL QRO-men (1kW+) have begun to use N-connectors after too many burnt/melted PL-259s...

Jukka OH6SC

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [5600] Re: QRP KITS, etc
Message-ID: <199603122346.SAA78298@nss2.CC.Lehigh.EDU>

Danny has been there and done that, here it is.

Danny Gingell, K3TKS@bbs.abs.net
>A LISTING of QRP/HOMEBREW RESOURCES By Danny Gingell, K3TKS (C)
>11/20/95
>.....
>624 KITS, N4LTA (Pat Bunn) : QRP KITS of Many of the Popular QRP
>Projects.
>171 SPRINGLAKE DRIVE **** : Most are Complete kits including all parts,
>a
>SPARTANBURG, SC 29302 : Hi-Quality PCB, and Detailed instructions.
>(803)573-6677 : Various options offered.
>.....
>A & A ENGINEERING *** : Another Leader in the Competition for
>providing
>2521 La Palma UNIT K : "Quality Radio Products". If you see a
>Complex
>Anaheim, CA 92801 : Amateur Radio Construction Project in an
>Article
>(714)952-2114 : you can look forward to the appearance of an
>FAX (714)952-3280 : A & A ENGINEERING KIT. Lg. S.A.S.E. for Catalog
>.....
>FAR CIRCUITS (Fred KF9GX) : PRINTED CIRCUIT BOARDS for most popular
>Articles
>18N640 FIELD COURT *** : appearing in QST,QEX,73,CQ,HR,1988 & 1990
>ARRL
>DUNDEE, IL 60118 : HANDBOOKS,W1FB DESIGN NOTEBOOK & Several
>Others.
> : CUSTOM BOARDS are also Available. (Ex-N9ATW)
>.....
>KANGA PRODUCTS **** : Dick Pascoe, G0BPS (on G-QRP-L)

>Seaview House : 011-44-0303-891106 9am-7pm only please.
 >Closed Wed.
 >Crete Road East : Many Hi-Q Kits Featured in "SPRAT" Now
 >Available
 >Folkstone, Kent, CT18 7EG : from KANGA US : C/O Bill Kelsey, N8ET
 >ENGLAND : 3521 Springlake Dr. Findlay, OH 45840
 >USA ORDERS Contact N8ET : (419)423-5643 7-11 pm EST E-mail
 >Kanga@Bright.net
 >.....
 >M X M Industries **** : Bruce Williams, WA6IVC [Superhet RX & XTAL
 >TX]
 >Rt. 1 Box 156C : Simple SuperRX 80,40, or 30m. [73-Apr.91]
 >Smithville, TX 78957 : Simple TX TX 80,40,30 or 20m.[73-Dec.91]
 >(512)237-3906 : Now offering The MXM Simple Transceiver, a
 >single
 > : band Superhet design for 20,30,40 or 80m
 >.....
 >OAK HILLS RESEARCH (KE8KL) : Dick Witzke, KE8KL Brings us an exciting
 >line
 >20879 MADISON STREET ***** : of Quality Radio Products at resonable
 >prices.
 >BIG RAPIDS, MI 49307 : QRP Explorer Single Band QRP CW Transceiver Kit.
 >(616)796-0920 : OHR-400 Four Band CW Transceiver Kit.
 >FAX (616)796-6633 : SCF-1A Switched Capacitor Audio Filter Kit.
 > : Model WM-1 QRP Wattmeter Kit., and others.
 >.....
 >S & S ENGINEERING ***** : Dick Szakonyi, KA3ZOW has created a formidable
 >14102 Brown Road : product line of QRP Transceivers and
 >accessories.
 >Smithburg, MD 21783 : The latest being the 80 Meter TAC-1 Transceiver
 >(301) 416-0661 : and his Programmable Counter/Display.
 >.....
 >SMALL WONDER LABS ***** : Dave Benson, NN1G QRP Transceiver Kits.
 >80 East Robbins Avenue : New Offerings get good Reviews.
 >Newington, CT 06111 : GM-xx (20m or 30m) (Other bands may be
 >available.
 >(203)667-3536 : E-Mail to Bensondj@aol.com
 >.....
 >TEJAS KITS *** : Bill Hickox, K5BDZ Presents an Exciting New
 >9215 Rowan Lane : offering of Kits for the traveling QRPer.
 >Houston, Texas 77036 : BACKPACKER II CW Transceiver Model TRFT-550
 > : SWR/POWER METER - TUNABLE BANDPASS AUDIO FILTER
 >Verify Status of Business : GEL CELL BATTERY CHARGER and other new kits
 >.....
 >Wilderness Radio ***** : Bob Dyer, KD6VIO (415)494-3806 Will bring us
 >P.O. BOX 734 : the latest offerings of NorCal QRP Club Kits.
 >Los Altos, CA 94023-0734 : Currently offering NORCAL 40-A and The Cascade.
 >NC-40A is a Classic! : The Sierra is expected to be offered in the

>fall.
>.....
>Permission is Granted to Freely Copy and Distribute This list of QRP Suppliers
>--
>George Gingell, user of the UniBoard System @ abs.net
>E-Mail: George.Gingell@bbs.abs.net
>The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
>Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking
>
>
de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)
Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-l@lehigh.edu Tue Mar 12 22:36:32 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [5601] Re: QRP KITS, etc
Message-ID: <96Mar12.193015est.57461-14900+55@hooch.CC.Lehigh.EDU>

> Danny has been there and done that, here it is.

And thanks to Danny and others alot of this information is
available via anonymous FTP:

ftp://ftp.lehigh.edu/pub/listserv/qrp-l

or via the list server. To get an index send the following
command, in the body of an e-mail, to listserv@Lehigh.EDU:

INDEX QRP-L -ALL

and to get a file, Danny's for example:

GET QRP-L/MISC KIT.SUPPLIERS

Don't the rest of you?

Tom N9DD

South Bend, IN

ps Any QRP-Lers going to the Marshall, Michigan hamfest this weekend? I'm planning on being there. It would be nice to meet some of the others on the list.

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [5591] Re: What is a QSO
Message-ID: <Pine.OSF.3.91.960312133823.31196A-100000@saturn.acs.oakland.edu>

On Tue, 12 Mar 1996 N9DD@aol.com wrote:

> This would mean that no Field Day contacts count as official contacts since
> the exchange is something like "1A Indiana". Likewise, the long exchange in
> the November Sweepstakes Contest does not include a signal report (for
> example NR 312 Q N9DD 72 IND).
>
> I've always considered Field Day and Sweepstakes contacts as "good" contacts.
> Don't the rest of you?

I believe poor Brad was asking about a "typical" QSO. Not a contest or that award that required an signal report greater than 2.

You other geezers correct me if I'm wrong but wasn't the report considered to be the critical element of a QSO? I remember getting a booklet from the ARRL as a novice that talked about operating practices -- it even said to make sure you send signal reports immediately when beginning a QSO.

I'm pretty sure that the ARRL does not send that little booklet out any longer (I believe it was titled, "Your Novice Accent"). Seems many new ops send their NAME as the first portion of a QSO and that always struck me as "wrong." Looks like *I* need to lighten up.

Have fun, drink Pepsi, work QRP

73 =paul= wb8zjl

> ps Any QRP-Lers going to the Marshall, Michigan hamfest this weekend? I'm
> planning on being there. It would be nice to meet some of the others on the

> list.

Oh? Marshall is on the SAME weekend as Toledo? I've heard about Marshall but I'm taking the whole family to Toledo this weekend and I'll be at the swap Sunday morning. It is second only to Dayton in my book.

From qrp-1@lehigh.edu Tue Mar 12 22:36:32 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [5594] Re: What is a QSO
Message-ID: <199603121940.0AA48724@nss2.CC.Lehigh.EDU>

>I've always considered Field Day and Sweepstakes contacts as "good" contacts.
>Don't the rest of you?

>

How broad do you want to make the question? Is it a contact you can use if it's made by a Field Day team member using your call with other people's radios hauled 150 miles from your home? I think I'd say no.

Is it a contact if you're the operator and you're operating category D from home? I'd generally say no, but make an exception for Alaska or Hawaii ;-)
Actually, I suppose I'd consider it a valid contact.

Again, it has more to do with the ham sitting under the certificate than anything else. As someone else pointed out, if you have a card for the contact, who's to know if it was "valid" or not? Only you. I'd think those contacts were OK, so I'd submit them and feel good about the certificate on my wall. Someone else might think the contacts were not good and so wouldn't use them. Either answer is OK as long as the other guy doesn't try to belittle my wallpaper. If he does, then the lengthy arguments start....is too/ is not/ is too/+c.

>>>==>PStJTT

```
=====
Patrick Taber                      Email: ptaber@logiccraft.com
Principal Software Engineer        Phone: (603) 880-0300
Logiccraft Information Services    Fax:   (603) 880-7229
22 Cotton Road
Nashua N.H. 03063                 Also known as: KC1TD
```

> It may not count for various awards and certificates, but that is a
>separate issue altogether.

Well, since the question was couched in relation to WAS, then it isn't a separate issue. You can make contact for the thrill of it (and I do) but the question was specifically aimed at awards.

>

>>>==>PStJTT

Patrick Taber
Principal Software Engineer
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Nashua N.H. 03063

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Also known as: KC1TD